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TITLE: Water-repellent compositions containing fluorinated
(meth) ***acrylate*** polymers, their sprays, and
their application by spraying

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PATENT INFORMATION:

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AB The title compns. which show long-lasting water-repellent properties and have no unpleasant odor contain (A) 0.1-5% copolymers of CH₂:CR₁CO₂R₂ [R₁ = H, Me; R₂ = H, (aryl-substituted) linear or branched C₁-22 alkyl, alkenyl, (linear or branched C₁-20 alkyl- or alkenyl-substituted) aryl; C₃-8 cycloalkyl], C₂-3 hydroxyalkyl (meth)acrylates, and perfluoroalkyl-contg. (meth)acrylates, (B) 90-99.8% C₁-3 alcs., and (C) 0.1-5% plasticizers and/or F-contg. surfactants. Sprays of the compns. and water-repellent treatment by spraying them are also claimed. Thus, a fluoropolymer prep'd. from 50:20:30 ***acrylic*** acid, 2-hydroxyethyl methacrylate, and CF₃(CF₂)₇(CH₂)₁₁O₂CCH:CH₂ 1.0, EtOH 98.0, and di-Bu phthalate 1.0% were mixed with propellants and charged into a container to give a spray, which showed long-lasting water-repellent properties without staining textiles.

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